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Jun 3, 1980

DERWENT-ACC-NO: 1980-50608C

DERWENT-WEEK: 198029

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TITLE: Injection syringe - in which accuracy problems due to temp. change are avoided and cylinder strength is increased

PRIORITY-DATA: 1978JP-0145150 (November 24, 1978)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<u>JP 55073352 A</u>	June 3, 1980		000	
JP 86037985 B	August 27, 1986		000	

INT-CL (IPC): A61M 5/34; B01L 3/02; G01N 1/00; G01N 35/06

ABSTRACTED-PUB-NO: JP55073352A

## BASIC-ABSTRACT:

Syringe for pouring chemicals and body liqs. into an object comprises a cylinder and piston inserted into it. The object is to avoid degradation of the accuracy due to temp. change and increase the strength of the cylinder.

A cap 13 is fitted into the top end opening of the cylinder made of glass. A pipe 15 is inserted through an O-ring into the cylinder through a centre hole of the cap to form a passage of the chemical or liq. A holder, housing the cylinder, cap and one end of the pipe, has a peep window to see the interior of the cylinder. The O-ring is made of an elastic material to absorb vol. expansion of the cylinder.